

CLAIMS

What is claimed is:

1. A wireless communication device for allowing wireless communication for a personal data assistant coupled with the wireless communication device, the wireless communication device comprising:

a modem for providing wireless communication capability to the wireless communication device; and

a pass-through serial connector configured to allow simultaneous charging of the wireless communication device and the personal data assistant, the configuration of the pass-through serial connector also allowing interfacing between the wireless communication device and a peripheral device.
2. A wireless communication device as recited in Claim 1, wherein the peripheral device is a portable keyboard.
3. A wireless communication device as recited in Claim 1, wherein the pass-through serial connector allows charging of the wireless communication device and hot-syncing of the personal data assistant simultaneously.
4. A wireless communication device as recited in Claim 1, wherein the personal data assistant is a Sony™ CLIE™ personal data assistant.

5. A wireless communication device as recited in Claim 1, wherein the wireless communication device may be reconfigured for different personal data assistants.

6. A wireless communication device as recited in Claim 1, the wireless communication further comprising:

custom interface circuitry having a battery charger input, the battery charger input having inputs connected in parallel in order to allow the simultaneous charging of both the wireless communication device and the personal data assistant.

7. A wireless communication device as recited in Claim 1, wherein the wireless communication device further comprising:

a top housing configured to hold the personal data assistant.

8. A wireless communication device as recited in Claim 7, wherein the top housing includes clips which hold the personal data assistant when the personal data assistant couples with the wireless communication device.

9. A wireless communication device for providing wireless communication to a personal data assistant, the device comprising:

a modem which provides wireless communication capability to both the wireless communication device and the personal data assistant;

an external serial connector which allows simultaneous charging of the wireless communication device and personal data assistant where the external serial connector provides connectivity between a peripheral device and both the wireless communication device and the personal data assistant such that the peripheral device uses the modem of the wireless communication device.

10. A wireless communication device as recited in Claim 9, the wireless communication device further comprising:

a top housing which holds the personal data assistant with the wireless communication device.

11. A wireless communication device as recited in Claim 10, wherein the top housing includes clips configured to hold the personal data assistant with the wireless communication device.

12. A wireless communication device as recited in Claim 9, wherein the external serial connector includes a battery charger input having inputs connected in a parallel configuration, where the parallel configuration of the inputs allows the simultaneous charging of the wireless communication device and the personal data assistant.

13. A wireless communication device as recited in Claim 9, wherein the external serial connector is a serial port connector.

14. A wireless communication device as recited in Claim 9, wherein the peripheral device is a portable keyboard.

15. A wireless communication device as recited in Claim 9, wherein the top housing further includes:

clips coupled with the top housing, the clips being configured to hold the personal data assistant with the wireless communication device.

16. A wireless communication device as recited in Claim 9, wherein the external serial connector allows connectivity between the wireless communication device and the personal data assistant during hot-syncing of the personal data assistant.

17. A communication device for providing wireless communication for a personal data assistant, the device comprising:

a connector for providing connectivity between the communication device and the personal data assistant;

a modem for providing communication capability to the communication device such that the modem provides communication capability for the personal data assistant; and

a pass-through serial connector for allowing simultaneous charging of both the communication device and the personal data assistant, the pass-through serial connector also providing connectivity to both the communication device and the personal data assistant with a peripheral device.

18. A communication device as recited in Claim 17, wherein the communication device holds the personal data assistant with clips.

19. A communication device as recited in Claim 17, wherein the peripheral device is a portable keyboard.

20. A communication device as recited in Claim 17, wherein the communication device further comprises:
custom interface circuitry having a micro controller.

21. A communication device as recited in Claim 17, wherein the micro controller is configured to buffer data received from the peripheral device via the pass-through serial connector such that the configuration of the micro controller allows sharing of data between the communication device and personal data assistant.

22. A wireless communication device for providing wireless communication to a personal data assistant, the wireless communication device being configured to hold the personal data assistant, the wireless communication device comprising:

a first end, the first end including a serial port connector, the serial port connector being configured to engage with a serial port connector of the personal data assistant such that the wireless communication device serial port connector couples with the personal data assistant serial port connector in order to provide connectivity between the wireless communication device and the personal data assistant; and

a top housing, the top housing having clips opposite the first end of the wireless communication device, the clips being configured to engage the personal data assistant with the wireless communication device.

23. A wireless communication device as recited in Claim 22, the wireless communication device further comprising:

a pass-through serial connector configured to allow simultaneous charging of the wireless communication device and the personal data assistant.

24. A wireless communication device as recited in Claim 23, wherein the pass-through serial connector provides connectivity between the wireless communication device and a peripheral device.

25. A wireless communication device as recited in Claim 23, wherein the pass-through serial connector provides connectivity between the personal data assistant and a peripheral device.

26. A wireless communication device as recited in Claim 23, wherein the pass-through serial connector allows hot-syncing of the personal data assistant when the personal data assistant is coupled with the wireless communication device.

27. A wireless communication device as recited in Claim 22, wherein the personal data assistant is a Sony™ CLIE™ personal data assistant.

28. A wireless communication device as recited in Claim 22, the wireless communication device further comprising:

custom interface circuitry having a battery charger input, the battery charger input having inputs connected in parallel in order to allow simultaneous charging of both the wireless communication device and the personal data assistant.

29. A wireless communication device as recited in Claim 22, wherein the wireless communication device may be reconfigured for different personal data assistants.

30. A wireless communication device as recited in Claim 22, wherein the wireless communication device serial port connector provides hand-shaking capability.